|  |   |   | EDCE   ATTORNEY DOCKET NO.   |                   |                           |                      | Sheet 1 of 1 |        |                |         |       |  |
|--|---|---|--|-------------------|---------------------------|----------------------|--------------|--------|----------------|---------|-------|--|
| FORM PTO-1                                     | 449   | U.S. DEPARTMENT OF COMMERC<br>PATENT AND TRADEMARK OFFIC  |  |                   |                           | 1454.1089            |              |        | 09/937,347     |         |       |  |
|  |   |   | - 1  | FIRST NAMED       | 33,337,37                 |                      |              |        |                |         |       |  |
| <b>61810</b>                                   | ERENCES CIT   | APPLICA   | CANT Bernhard BAUER et   |                   |                           |                      |              |        |                |         |       |  |
| a) (the constant shoots if management)         |   |   |  |                   | FILING DATE               |                      |              |        | GROUP ART UNIT |         |       |  |
| OCT 1 2 2001 (Use several sheets if necessary) |   |   |  |                   | September 24, 2001        |                      |              |        | <u> </u>       |         |       |  |
|  | <i>E</i> /  |   | II S D   | ATENT DOC         | ·IIMEN                    | JTC                  |              |        |                |         |       |  |
| *EXPANDED                                      | <del>/</del>  | DOCUMENT  | U.S. F   | ATENT DOG         | ONILI                     | 113                  |              | T 3    | SUB-           | F       | ILING |  |
| INITIAL  |   | NO.   | DATE NAM   |                   |                           | CLASS                |              | CLASS  |                | [       | DATE  |  |
|  | AA  |   |  |                   | <del></del> , <del></del> | -                    |              |        |                |         |       |  |
|  | AB  |   |  |                   |                           |                      |              |        |                |         |       |  |
| -  | AC  |   |  |                   |                           | · · · <u>· · · ·</u> |              |        |                |         |       |  |
|  |   |   | FOREIGN  | L DATENT D        | 00111                     | ENTE                 |              |        |                |         |       |  |
|  | FOREIGN PATENT DOCUMENTS  DOCUMENT SUB- TRANSLATION |   |  |                   |                           |                      |              |        |                |         |       |  |
|  |   | NO.   | DATE   | co                | OUNTRY                    | 1                    | CLASS        | CLASS  |                | YES NO  |       |  |
| JWC  | AD  | DE19644703A1 4/98 Germany   |  |                   |                           |                      |              |        | V              |         | V     |  |
| JWC  | AE  | EP0860966A2   | 8/98   | Europe            |                           |                      | -            |        | · ]            |         |       |  |
| JWC  | AF  | WO98/00951 1/98   |  | PCT               |                           |                      |              |        | . /            |         |       |  |
|  | AG  |   |  |                   |                           |                      |              |        |                |         |       |  |
| OTHER REE                                      | EDEN  | ICES (Including Au  | thor Title   | Date Pertin       | nent Pa                   | ages Etc.)           |              |        |                |         |       |  |
| OTHER REF                                      | AH  | CES (Including Author, Title, Date, Pertinent Pages, Etc.)  Principles of the World-Wide-Web (WWW) available on March 16, 1999, at:   |  |                   |                           |                      |              |        |                |         |       |  |
| JWC  |   | http://www.w3.org/  |  |                   |                           |                      |              |        |                |         |       |  |
|  | AI  | Fujino et al., "Mo  | Fujino et al., "Mobile Information Service Based on Multi-Agent Architecture" IEICE          |                   |                           |                      |              |        |                |         |       |  |
| Jwc  | •   | Transactions on Communications, JP, Institute of Electronics Information and Comm.  |  |                   |                           |                      |              |        |                |         |       |  |
|  |   | ISSN: 0916-851  | Eng. Tokyo, Bd. E80-B, Nr. 10, 1 October 1997, pages 1401-1406, XP000734533 ISSN: 0916-8516. |                   |                           |                      |              |        |                |         |       |  |
|  | AJ  | Zenel B et al., "I  | Zenel B et al., "Intelligent Communication Filtering for Limited Bandwidth Environments"     |                   |                           |                      |              |        |                |         |       |  |
| JWC  |   | Workshop on Hot Topics in Operating Systems, XX, XX, 4 May 1995, pages 28-34, XP002094011.  |  |                   |                           |                      |              |        |                |         |       |  |
| JWC  | AK  | Hokimoto A et al.: "An Approach for Constructing Mobile Applications Using Service Proxies" Proceedings of the International Conference on Distributed Computing Systems, US, Los Alamitos, IEEE Comp. Soc. Press, Bd. Conf. 16, 27 May 1996, pages |  |                   |                           |                      |              |        |                |         |       |  |
| JWC  |   |   |  |                   |                           |                      |              |        |                |         |       |  |
|  |   | Systems, US, Lo<br>726-733, XP000   |  |                   |                           |                      | sa. Cont.    | 16, 27 | мау 1          | 996,    | pages |  |
|  |   |   |  |                   |                           |                      |              |        |                |         |       |  |
| EXAMINER                                       |   |   |  |                   | DATE CONSIDERED           |                      |              |        |                |         |       |  |
| COB TWW  |   |   |  |                   | 9/7/05                    |                      |              |        |                |         |       |  |
| *EXAMINE                                       | R: Initi  | al if reference conside   | ered, whether  | er or not citatio | n is in c                 | onformance           | with MPE     | P 609; | Draw lir       | ne thro | ugh   |  |

citation if not in conformance and not considered. Include copy of this form with next communication to applicant.